



निर्वात के लिए नहीं NOT FOR EXPORT
OPEN SERIES
MAP

No. D43J9
Scale 1:50,000

D43D8 (48N/8)	Gadag KARNATAKA D43D12 (48N/12)	D43D16 (48N/16)
D43J5 (48N/5) Haveri KARNATAKA	D43J9 (48N/9)	D43J13 (48N/13) Davangere KARNATAKA
D43J6 (48N/6)	D43J10 (48N/10)	D43J14 (48N/14)
1 Shimoga, KARNATAKA	2 Koppal, KARNATAKA	

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2010. Price: Rs. 103/-

CONVENTIONAL SYMBOLS

Express highway: with toll; with bridge; with distance stone	---
Roads, metalled: according to importance	---
Roads, double carriageway: according to importance	---
Unmetalled road: Cart-track, Pack-track with pass, Foot-path	---
Streams: with track in bed; unfilled; Canal	---
Dams: masonry or rock-filled; earthenwork; Weir	---
River: dry with water channel; with island & rocks; Tidal river	---
Submerged rocks; Shoal; Swamp; Reeds	---
Wells: lined; unlined; Tube-well; Spring; Tank; perennial; dry	---
Embankments: road or rail; tank; Broken ground	---
Railways, broad gauge: double; single with station; under constn.	---
Railways, other gauges: double; single with distance stone; do.	---
Mineral line or tramway: Kin. Cutting with tunnel	---
Contours with sub-features. Rocky slopes. Cliffs	---
Sand features: (1) flat, (2) sand-hill (germanart), (3) dunes (shifting)	---
Towns or Villages: inhabited; deserted; Fort	---
Huts: permanent; temporary; Tower; Antiquities	---
Temple: Chhatra; Church; Mosque; Idgah; Tomb; Graves	---
Lighthouse. Lightship. Buoy: lighted; unlighted; Anchorage	---
Mine: Vm on trails; Grass; Scrub	---
Palms; palms; other. Plantain. Conifer. Bamboo. Other trees	---
Areas: cultivated; wooded; Surveyed tree	---
Boundary, international	---
state: demarcated; undemarcated	---
district: subdivision; tahsil or taluk; forest	---
Boundary pillars: surveyed; unlocated	---
Heights, triangulated; station; point; approximate	---
Bench-mark: geodetic; tertiary; canal	---
Post office. Telegraph office. Overhead tank	---
Rest house or inspection bungalow. Circuit house. Police station	---
Camping ground. Forest: reserved; protected	---
Spaced names: administrative; locality or tribal	---
Hospital. Dispensary. Veterinary Hospital / Dispensary	---
Aerodrome. Helipad. Tourist site	---
Power line: with pylons surveyed; with poles unsurveyed	---

NOTES

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, e.g. 40, represents the approximate height, in metres, between the top and bottom of a steep slope.
Unmetalled roads are motorable and most of the cart-tracks are passable in dry season.
The kilometre stone numbers along roads are shown in short type, e.g. 12, whereas milestone numbers are shown in upright type, e.g. 37.
Tanks, shown dry in this area, usually contain water from July to December.

COMPILATION INDEX

A. Surveyed during 1975-76. Updated for major details during 2005-06.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 1° West in 2005.
(Decreasing by about 1' annually).

500 m to 1 cm 1:50,000 2 cm to 1 km

CONTOUR INTERVAL 20 METRES

For further details about this map, please contact

Director
Karnataka Geo-Spatial Data Centre
Survey of India, Koramangala II Block
Bangalore.

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MAP SHOWING DIVERTED FOREST LAND AND
PROJECT ALIGNMENT ON SURVEY OF INDIA
TOPOSHEET IN 1:50000 SCALE

Executive Engineer
Kship Division
Shimoga.

LEGEND

- Existing Centerline
- Proposed Centerline
- Forest area to be Diverted

PROJECT

Widening of Gadag - Honnali Road
(from Km 105.500 to Km 205.290 of SH 57 from Km
215.335 to Km 253.713 of SH26) 138.02 Km

CLIENT



Government of Karnataka
Public Works, Ports & IWT Department
Karnataka State Highways Improvement Project

No. D43J10

Scale 1:50,000

D43J5
(48N/5)

D43J9
(48N/9)

D43J13
(48N/13)

D43J6
(48N/6)

D43J10
(48N/10)
Haveri
KARNATAKA

D43J14
(48N/14)

D43J7
(48N/7)

D43J11
(48N/11)

D43J15
(48N/15)
Davanagere
KARNATAKA

CONVENTIONAL SYMBOLS

Express Highway with toll, with bridge with distance stone
Roads, metalled, according to importance
Roads, double carriageway, according to importance
Unmetalled road, Cart track, Pack-track with pass, Foot-path
Streams, with track in bed, underfoot, Canal
Dams, masonry or rock filled, waterwork, Weir
River, dry with water channel, with island & rocks, Tidal river
Submerged rocks, Shoal, Swamp, Roads
Wells: lined, unlined, Tube-well, Spring, Tanks, perennial, dry
Embankments: road or rail, tank, Broken ground
Railways, broad gauge: double, single with station, under construction
Railways, other gauges: double, single with distance stone, do.
Mineral line or tramway, Kin, Cutting with tunnel
Contours with sub-features, Rocky slopes, Cliffs
Said features (1) Flat (2) Sand Hills (3) Mountains (4) Shifting
Towns or Villages: inhabited, deserted, Fort
Huts: permanent, temporary, Tower, Antiquities
Temple, Chhatra, Church, Mosque, Igloo, Tomb, Graves
Lighthouse, Lightship, Buoy: lighted, unlighted, Anchorage
Mine, Vine on hills, Grass, Scrub
Palms, palms, other Plantain, Ceylon, Bamboo, Other trees
Areas: cultivated, wooded, Surveyed trees
Boundary, international
State: demarcated, undemarcated
district, sub-division, taluk or block, forest
Boundary pillars: surveyed, unlocated
Heights, triangulated, station, spot, approximate
Bench-mark: geodetic, tertiary, canal
Post office, Telegraph office, Overhead tank
Rest house or inspection bungalow, Circuit house, Police station
Camping ground, Forest: reserved, protected
Spaced names: administrative, locality or tribal
Hospital, Dispensary, Veterinary Hospital, Dispensary
Aerodrome, Helipad, Tourist site
Power line: with pylons surveyed, with poles unsurveyed

REFERENCE
NH 4 National Highway No. 4

NOTES
Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, e.g. 10, represents the approximate height, in metres, between the top and bottom of a steep slope.
Tanks, shown dry, in this area usually contain water from July to December.
Unmetalled roads are motorable and most of the cart-tracks are passable in dry season.
The triangulated heights and contours in this sheet have not been adjusted to the heights of the spirit-levelled bench-marks and may not be strictly in accordance with them.
The kilometre stone numbers along roads and railway are shown in slant type, e.g. 10, whereas milestone numbers are shown in upright type, e.g. 10.
The majority of the wells in this sheet are brackish.

COMPILED INDEX
A. Surveyed during 1975-76 and updated for major details during 2005-06.

Projection - UTM Datum - WGS 84
Magnetic Variation from True North about 1° West in 2005.
(Decreasing by about 1" annually.)
500 m to 1 cm
1:50,000
2 cm to 1 km
Contours Interval 20 METRES
For further details about this map, please contact
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MAP SHOWING DIVERTED FOREST LAND AND PROJECT ALIGNMENT ON SURVEY OF INDIA TOPOSHEET IN 1:50000 SCALE

Executive Engineer
Kship Division
Shimoge.

LEGEND

- Existing Centerline
- Proposed Centerline
- Forest area to be Diverted

PROJECT

Widening of Gadag - Honnali Road
(from Km 105.500 to Km 205.290 of SH 57 from Km 215.335 to Km 253.713 of SH26) 138.02 Km

CLIENT

Government of Karnataka
Public Works, Ports & IWT Department
Karnataka State Highways Improvement Project

निर्यात के लिए नहीं NOT FOR EXPORT

No. D43J11

Scale 1:50,000

D43J6 (48N/6)	Haveri KARNĀTAKA D43J10 (48N/10)	D43J14 (48N/14)
D43J7 (48N/7)	D43J11 (48N/11)	D43J15 (48N/15) Dāvangere KARNĀTAKA
Shimoga KARNĀTAKA D43J8 (48N/8)	D43J12 (48N/12)	D43J16 (48N/16)

1 Bellary, KARNĀTAKA.

भारतीय सर्वेक्षण विभाग

SURVEY OF INDIA

1st Edition 2010.

Price : Rs. 70/-

CONVENTIONAL SYMBOLS

Spurns highway with or with bridge, with distance stone
 Roads, metalled: according to importance
 Roads, double carriageway: according to importance
 Unmetalled road, Cart-track, Pack-track: with Pass, Foot-path
 Streams, with track in bed, unmetalled, Canal
 Dams: masonry or rock-filled, artificial, Weir
 River, dry with water channel, with island & rocks, Tidal river
 Unmetalled roads, Shrub, Swamp, Tanks
 Wells: lined, unlined, Tube-well, Spring, Perennial, dry
 Embankments road or rail, track, broken ground
 Railways, broad gauge double, single station; under construction
 Railways, other gauges double, single with distance stone to
 Mineral line or tramway, Kin, Cutting with tunnel
 Corridor with sub-features, Ridge, Slopes, Cliffs
 Sand features (Flat, (Gravel-hill, meadows) (Gravel-shifting)
 Towns or Villages, inhabited, deserted, Fort
 Huts; permanent, temporary, Tower, Antiquities
 Temples, Shrine, Chhatra, Mosque, Masjid, Light, Graves
 Lighthouse, Lighthouse Buoy, Lighted, Unlighted, Anchorage
 Mine, Vein or breils, Gravel
 Palms, palmety, other, Plainfar, Cornish, Bamboo, Other trees
 Areas cultivated, wooded, Surveyed tree
 Boundary, international
 state, demarcated, undemarcated
 district, subdistrict, taluk or Mlik, forest
 Boundaries, points: surveyed, uncalculated
 Heights, triangulated: station, point, approximate
 Bench-mark, geodetic, tertiary, canal
 Post office: Telegraph office, Overhead tank
 Rest house or Inspection bungalow, Circuit house, Police station
 Camping ground, Forest reserved, protected
 Sacred names: administrative, locality or tribal
 Hospital, Dispensary, Veterinary Hospital / Dispensary
 Aerodrome, Helipad, Tourist site
 Power line: with pylons surveyed, with poles unsurveyed

REFERENCE

PHC Primary Health Centre

NOTES :-

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, e.g. d., represents the approximate height, in metres, between the top and bottom of a steep slope.
The triangulated heights and contours in this sheet have not been adjusted to the heights of the first levelled bench-marks and may not be strictly in accordance with them.
Unsettled roads are motorizable and cart-tracks generally passable in dry season.
Tracks shown dry, in this area, usually contain water from July to December.
Jewels of fossils exist along craters in this sheet. Permission to use these tracks is required from irrigation authorities.
Forest boundaries have not been shown for want of reliable information.
Temples with gouraries are shown thus: .
Boulders lying on the shore are shown thus: .

COMPILATION INDEX

A. Surveyed during 1977-78. Updated for major details during 2005-06.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 1° West in 2005.

For further details about this map, please contact
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km 121+300

Haveri District End Point
km 243+900

km 252+000

**MAP SHOWING DIVERTED FOREST LAND AND
PROJECT ALIGNMENT ON SURVEY OF INDIA
TOPOSHEET IN 1:50000 SCALE**

Executive Engineer
Kship Division
Shimoga.

LEGEND

 Existing Centerline
 Proposed Centerline
 Forest area to be Diverted

PROJECT

Widening of Gadag - Honnali Road
(from Km 105.500 to Km 205.290 of SH 57 from Km 215.335 to Km 253.713 of SH26) 138.02 Km

CLIENT

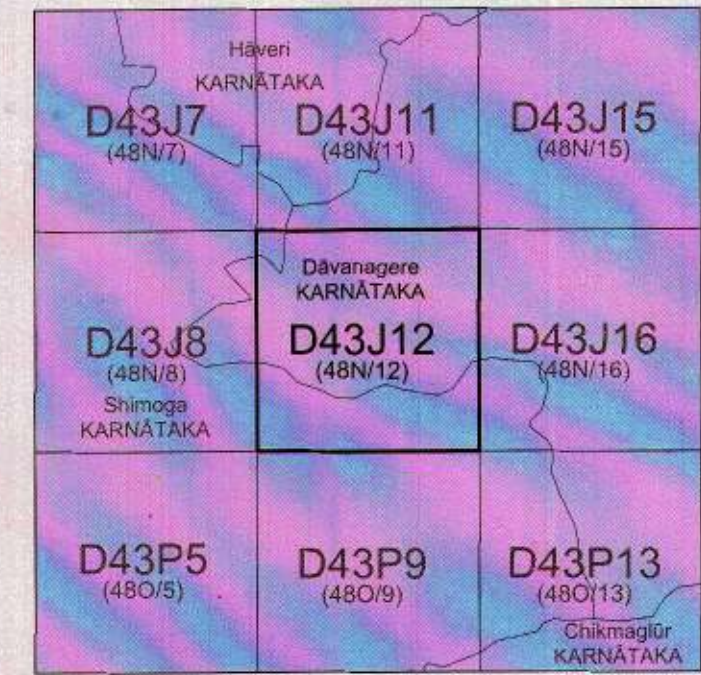


**Government of Karnataka
Public Works, Ports & IWT Department
Karnataka State Highways Improvement Project**

PRINTED AT THE SOUTHERN PRINTING GROUP OF SURVEY OF INDIA

No. D43J12

Scale 1:50,000



भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2009. Price : Rs. 50/-

CONVENTIONAL SYMBOLS

- Express highway with toll, with bridge, with distance stone
- Roads, metalled, according to importance
- Roads, double carriageway, according to importance
- Unmetalled road, Cart-track, Pack-track with pass, Foot-path
- Streams, with track in bed, underlined, Canal
- Dams, masonry or rock-filled, earthenwork, Weir
- River, dry with water channel, with island & rocks, Tidal river
- Submerged rocks, Shoal, Swamp, Reeds
- Wells, lined, unlined, Tube-well, Spring, Tanks, perennial, dry
- Embankments, road or rail, tank, broken ground
- Railways, broad gauge, double, single with station, under constr.
- Railways, other gauges, double, single with distance stone, do.
- Mineral line or tramway, Kin. Cutting with tunnel
- Contours with sub-features, Rocky slopes, Cuts
- Sand features (Flat, (Sand-hills) permanent), (Dunes) shifting
- Towns or Villages, inhabited, deserted, Fort
- Huts, permanent, temporary, Tower, Antiquities
- Temple, Chhatra, Church, Mosque, Idgah, Tomb, Graves
- Lighthouse, Lightship, Buoys, lighted, unlighted, Anchorage
- Mine, Vine on trellis, Grass, Scrub
- Palms, palms, other, Plantain, Conifer, Bamboo, Other trees
- Areas cultivated, wooded, Surveilled tree
- Boundary, international
- state, demarcated, undemarcated
- district, sub-division, taluk or taluk, forest
- Boundary pillars, surveyed, unlocated
- Heights, triangulated, station, point, approximate
- Bench-mark, geodetic, tertiary, canal
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- Camping ground, Forest reserved, protected
- Spaced names, administrative, locality or tribal
- Hospital, Dispensary, Veterinary Hospital / Dispensary
- Aerodrome, Helpaid, Tourist site
- Power line, with pylons surveyed, with poles unsurveyed

NOTES :-

Heights are in metres and above Indian mean sea level.

Contours are approximate.

A relative height, e.g., 20, represents the approximate height, in metres, between the top and bottom of a steep slope.

Unmetalled roads are motorable and most of the cart-tracks are passable in dry season.

The kilometre stone numbers along railway, roads and canals are shown in italic type, e.g., 15 whereas milestone numbers are shown in upright type, e.g., 15.

Towns shown dry in this area, usually contain water from July to December.

Jeepable tracks exist along canals. Permission to use these is required from the irrigation authorities.

Forest boundaries have not been shown for want of reliable information.

Behind trees are shown in this area.

COMPILATION INDEX

A. Surveyed during 1977-78. Updated for major details during 2008-07.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 2° West in 2005. (Decreasing by about 1° annually).

500 m to 1 cm. 1:50,000 2 cm to 1 km

Metres 1000 500 0 1 2 3 Kilometres

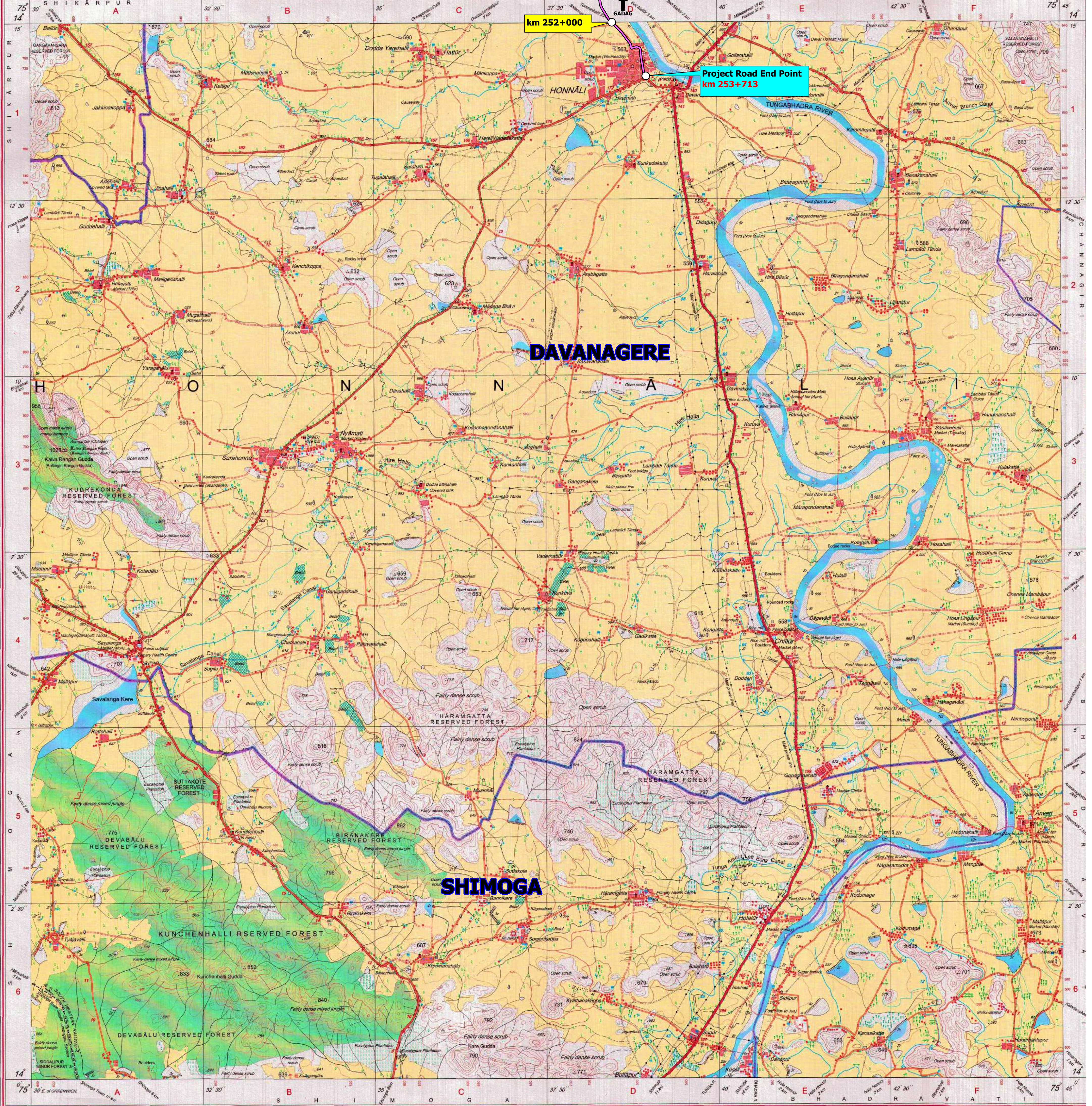
CONTOUR INTERVAL: 20 METRES

For further details about this map, please contact

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